

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: August 17, 2002, 17:37:42 ; Search time 60.14 Seconds
(without alignments)
1874.722 Million cell updates/sec

Title: US-09-769-878-3

Perfect score: 459
Sequence: 1 atgtgttccctcccatggc.....actttgaacagagctgtag 459

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

.hed: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :
1: /cgn2.6/ptodata/2/ina/5A.COMB.seq.*
2: /cgn2.6/ptodata/2/ina/5B.COMB.seq.*
3: /cgn2.6/ptodata/2/ina/6A.COMB.seq.*
4: /cgn2.6/ptodata/2/ina/6B.COMB.seq.*
5: /cgn2.6/ptodata/2/ina/PTCUS.COMB.seq.*
6: /cgn2.6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	455.8	99.3	998	US-09-316-081-1	Sequence 1, Appli
2	455.8	99.3	998	US-09-316-081-3	Sequence 3, Appli
3	109.2	23.8	1282	US-09-417-455-4	Sequence 4, Appli
4	109.2	23.8	1282	US-09-348-942-4	Sequence 4, Appli
5	109.2	23.8	2648	US-09-417-455-6	Sequence 6, Appli
6	109.2	23.8	2648	US-09-348-942-6	Sequence 6, Appli
7	100.2	21.8	1710	US-09-000-630C-1	Sequence 1, Appli
8	100.2	21.8	1710	US-08-862-730C-1	Sequence 1, Appli
9	92.4	20.1	537	US-09-000-630C-27	Sequence 27, Appli
10	92.4	20.1	537	US-08-862-730C-27	Sequence 27, Appli
11	91.8	20.0	462	US-08-798-414-1	Sequence 1, Appli
12	91.8	20.0	462	US-09-131-247-1	Sequence 1, Appli
13	91.8	20.0	474	US-08-476-860-9	Sequence 9, Appli
14	91.8	20.0	474	US-08-910-733-9	Sequence 9, Appli
15	91.8	20.0	474	US-08-910-884-9	Sequence 9, Appli
16	91.8	20.0	514	US-08-284-784-41	Sequence 41, Appli
17	91.8	20.0	534	US-08-854-811-41	Sequence 41, Appli
18	91.8	20.0	531	US-08-809-185-1	Sequence 1, Appli
19	91.8	20.0	534	US-09-000-630C-24	Sequence 24, Appli
20	91.8	20.0	534	US-08-862-730C-24	Sequence 24, Appli
21	91.8	20.0	543	US-08-422-655-1	Sequence 1, Appli
22	91.8	20.0	579	US-08-476-860-12	Sequence 12, Appli
23	91.8	20.0	579	US-08-910-733-12	Sequence 12, Appli
24	91.8	20.0	579	US-08-910-884-12	Sequence 12, Appli
25	91.8	20.0	602	US-08-459-811-1	Sequence 1, Appli
26	91.8	20.0	602	US-08-459-092-1	Sequence 1, Appli
27	91.8	20.0	602	US-08-459-814-1	Sequence 1, Appli

28	91.8	20.0	602	2	US-08-425-232-1	Sequence 1, Appli
29	91.8	20.0	602	2	US-08-471-227-2	Sequence 2, Appli
30	91.8	20.0	603	1	US-08-484-598-1	Sequence 1, Appli
31	91.8	20.0	603	2	US-08-479-140-1	Sequence 1, Appli
32	91.8	20.0	603	3	US-08-477-143-1	Sequence 1, Appli
33	91.8	20.0	717	1	US-08-284-784-40	Sequence 40, Appli
34	91.8	20.0	717	2	US-08-854-811-40	Sequence 40, Appli
35	90.8	19.8	537	3	US-09-000-630C-25	Sequence 25, Appli
36	90.8	19.8	537	3	US-08-862-730C-25	Sequence 25, Appli
37	85.2	18.6	534	3	US-09-000-630C-26	Sequence 26, Appli
38	85.2	18.6	534	3	US-08-862-730C-26	Sequence 26, Appli
39	81.4	17.7	475	4	US-09-131-247-3	Sequence 3, Appli
40	81.4	17.7	1167	4	US-09-131-247-15	Sequence 15, Appli
41	81.4	17.7	1170	4	US-09-131-247-13	Sequence 13, Appli
42	69.6	15.2	357	4	US-09-417-455-1	Sequence 1, Appli
43	69.6	15.2	357	4	US-09-348-942-1	Sequence 1, Appli
44	69.6	15.2	985	4	US-09-417-455-2	Sequence 2, Appli
45	69.6	15.2	985	4	US-09-348-942-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-09-316-081-1
; Sequence 1, Application US/09316081
; Patent No. 6339141
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Pace, Ann M.
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
; FILE REFERENCE: 28110/35659
; CURRENT APPLICATION NUMBER: US/09/316,081
; CURRENT FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54)...(512)
US-09-316-081-1

Sequence "A"

Query Match	99.3%	Score	455.8	DB	4	Length	998
Best Local Similarity	99.6%	Pred. No.	3.8e-120				
Matches	457	Conservative	0	Mismatches	2	Indels	0
Gaps	0						
Qy	1	atgtgttccctcccatggcagagatactacataataataatgcagaccagagctcta	60				
Db	54	atgtgttccctcccatggcagagatactacataataataatgcagaccagagctcta	113				
Qy	61	tacacagagatggccagctgctgtggagatcctgttcagacacactgctgtcagag	120				
Db	114	tacacagagatggccagctgctgtggagatcctgttcagacacactgctgtcagag	173				
Qy	121	aagatctgcacacttcccttaacagagcttgaccgacacaggtccctctctctgggg	180				
Db	174	aagatctgcacacttcccttaacagagcttgaccgacacaggtccctctctctgggg	233				
Qy	181	atccaggaggagggcgctgctgtgagacagagaggggcttccctccacag	240				
Db	234	atccaggaggagggcgctgctgtgagacagagaggggcttccctccacag	293				
Qy	241	ctggagagatgtaaacatggaacatgacaaaggtgtgaaagacacagcttacc	300				
Db	294	ctggagagatgtaaacatggaacatgacaaaggtgtgaaagacacagcttacc	353				
Qy	301	ttcttcagagcagctccaggtccctcccttcaggttgagccgctgctggtgctgg	360				
Db	354	ttcttcagagcagctccaggtccctcccttcaggttgagccgctgctggtgctgg	413				

See ovm

QY 361 ttctgtgtgccccgagagccccagccagccagctacagctcactaaagagagtgagccc 420
 Db 414 ttctgtgtgccccgagagccccagccagccagctacagctcactaaagagagtgagccc 473
 QY 421 tcagcccgtagccagcttttactttgaacagagctgtag 459
 Db 474 tcagcccgtagccagcttttactttgaacagagctgtag 512

RESULT 2
 US-09-316-081-3
 ; Sequence 3, Application US/09316081
 ; Patent No. 6339141
 ; GENERAL INFORMATION:
 ; APPLICANT: Pace, Ann M.
 ; APPLICANT: Ballinger, Dennis G.
 ; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
 ; FILE REFERENCE: 28110/35659
 ; CURRENT APPLICATION NUMBER: US/09/316,081
 ; CURRENT FILING DATE: 1999-05-20
 ; NUMBER OF SEQ ID NOS: 11
 ; SOFTWARE: Patent Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 998
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (3)...(512)
 US-09-316-081-3

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Query Match 99.3%; Score 455.8; DB 4; Length 998;
 Best Local Similarity 99.6%; Pred. No. 3.8e-120;
 Matches 457; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1 atgtgttccctccctccagagcttactacataataataatgcagacagagctcta 60
 Db 54 atgtgttccctccctccagagcttactacataataataatgcagacagagctcta 113
 QY 61 tacacaagagatggccagctgctgtgtggagatcctgttgacagaaactgtgtgacag 120
 Db 114 tacacaagagatggccagctgctgtgtggagatcctgttgacagaaactgtgtgacag 173
 QY 121 aagatctgcacacttcccaacagagctgtgacccagcagagctccctcttctggtgg 180
 Db 174 aagatctgcacacttcccaacagagctgtgacccagcagagctccctcttctggtgg 233
 QY 181 atccaggaggagagcgcgtgctgctgctgctgctgctgctgctgctgctgctgctg 240
 Db 234 atccaggaggagagcgcgtgctgctgctgctgctgctgctgctgctgctgctgctg 293
 QY 241 ctggagagatgtgaacattgaggaactgtacaaagtggtgaaagagccacagcttacc 300
 Db 294 ctggagagatgtgaacattgaggaactgtacaaagtggtgaaagagccacagcttacc 353
 QY 301 ttcttcacagagcagctcagctcagctcagctcagctcagctcagctcagctcagctg 360
 Db 354 ttcttcacagagcagctcagctcagctcagctcagctcagctcagctcagctg 413
 QY 361 ttctgtgtgccccgagagccccagccagccagctacagctcactaaagagagtgagccc 420
 Db 414 ttctgtgtgccccgagagccccagccagccagctacagctcactaaagagagtgagccc 473
 QY 421 tcagcccgtagccagcttttactttgaacagagctgtag 459
 Db 474 tcagcccgtagccagcttttactttgaacagagctgtag 512

RESULT 3
 US-09-417-455-4
 ; Sequence 4, Application US/09417455

; Patent No. 6294655
 ; GENERAL INFORMATION:
 ; APPLICANT: Ford, John
 ; APPLICANT: Pace, Ann
 ; TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
 ; FILE REFERENCE: 28110/36328
 ; CURRENT APPLICATION NUMBER: US/09/417,455
 ; CURRENT FILING DATE: 1999-10-13
 ; PRIOR APPLICATION NUMBER: US 09/348,942
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: PCT/US99/04291
 ; PRIOR FILING DATE: 1999-04-05
 ; PRIOR APPLICATION NUMBER: US 09/287,210
 ; PRIOR FILING DATE: 1999-04-05
 ; PRIOR APPLICATION NUMBER: US 09/251,370
 ; PRIOR FILING DATE: 1999-02-17
 ; PRIOR APPLICATION NUMBER: US 09/229,591
 ; PRIOR FILING DATE: 1999-01-13
 ; PRIOR APPLICATION NUMBER: US 09/127,698
 ; PRIOR FILING DATE: 1998-07-31
 ; PRIOR APPLICATION NUMBER: US 09/099,818
 ; PRIOR FILING DATE: 1998-06-19
 ; PRIOR APPLICATION NUMBER: US 09/082,364
 ; PRIOR FILING DATE: 1998-05-20
 ; PRIOR APPLICATION NUMBER: US 09/079,909
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: US 09/055,010
 ; PRIOR FILING DATE: 1998-04-03
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 1282
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (73)...(537)
 US-09-417-455-4

Query Match 23.8%; Score 109.2; DB 4; Length 1282;
 Best Local Similarity 58.4%; Pred. No. 5.9e-22;
 Matches 230; Conservative 0; Mismatches 158; Indels 6; Gaps 2;
 QY 18 ggcgaagatctacataataataatgcagacagagctctctatatacaagagatggcca 77
 Db 87 ggcgctgtctccgaatgaagagctcgcgcattgaagggtcttctatctgcataaacca 146
 QY 78 gctgtgtgtggagatcctgttgcagacacactgctgt---gcagagagagatctgcacact 134
 Db 147 gcttctagctggaggctgctgcagggagaggtcattaaagtgagagatcagcgtggt 206
 QY 135 tccataacagagctgtgacccagcagcagctccctctctctctctctctctctctctctct 194
 Db 207 ccccaatcggcggcgtgctgctgctgctgctgctgctgctgctgctgctgctgctgctg 266
 QY 195 ccgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctg 254
 Db 267 ccagtgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctg 323
 QY 255 catgagagagctgacaaagtggtgagagccacacagcttccctctctctctctctctct 314
 Db 324 catcatgagctctatctgttgcaggaatcccaagagagcttccctctctctctctctctct 383
 QY 315 ctccagctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 374
 Db 384 catggggtcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 443
 QY 375 ggcagagcccccagcagcagctcagctcactaaag 408
 Db 444 gcttgaagccagctcagcctctcagctcaccag 477

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US-09-316-081-4
; Sequence 4, Application US/09316081
; Patent NO. 6339141
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Pace, Ann M.
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
; FILE REFERENCE: 28110/35659
; CURRENT APPLICATION NUMBER: US/09/316.081
; CURRENT FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patenting Ver. 2.0

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Page 1

ALIGNMENTS

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RESULT 1
; US-316-081-2
; Sequence 2, Application US/09316081
; Patent No. 6339141
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Pace, Ann M.
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
; FILE REFERENCE: 28110/35659
; CURRENT APPLICATION NUMBER: US/09/316,081
; CURRENT FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 152
; TYPE: prt
; ORGANISM: Homo sapiens
; US-09-316-081-2

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SUMMARIES

BEST AVAILABLE COPY

SEQ ID NO 4
LENGTH: 169
TYPE: PRT
ORGANISM: Homo sapiens
US-09-316-081-4

Query Match 100.0%; Score 818; DB 4; Length 169;
Best Local Similarity 100.0%; Pred. No. 6e-91;
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MCSLPMARYIKYADQKALYTRDGLLVDPVADNCCAEKICTLPNRLDRTKVPFLG 60
DB 18 MCSLPMARYIKYADQKALYTRDGLLVDPVADNCCAEKICTLPNRLDRTKVPFLG 77
QY 61 IOGGRCLACVETEGRSLOEDVNTIELYKGEATRTFFQSSGSAFLEAAAPGW 120
DB 78 IOGGRCLACVETEGRSLOEDVNTIELYKGEATRTFFQSSGSAFLEAAAPGW 137
QY 121 FLCGPAEPQPVQVLTKESEPSARTKFFQSW 152
DB 138 FLCGPAEPQPVQVLTKESEPSARTKFFQSW 169

RESULT 3

US-09-417-455-5
Sequence 5, Application US/09417455
Patent No. 6294655
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, Ann
TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/36328 US/09/417,455
CURRENT APPLICATION NUMBER: US/09/417,455
PRIOR FILING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: PCT/US99/04291
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: US 09/287,210
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: US 09/251,370
PRIOR FILING DATE: 1999-02-17
PRIOR APPLICATION NUMBER: US 09/229,591
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 09/127,698
PRIOR FILING DATE: 1998-07-31
PRIOR APPLICATION NUMBER: US 09/099,818
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: US 09/082,364
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/079,909
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 09/055,010
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 155
TYPE: PRT
ORGANISM: Homo sapiens
US-09-417-455-5

Query Match 34.6%; Score 283; DB 4; Length 155;
Best Local Similarity 45.7%; Pred. No. 1.9e-26;
Matches 63; Conservative 20; Mismatches 49; Indels 6; Gaps 3;
QY 18 KALYTRDGLLVDPVADNCC-AEKICTLPNRLDRTKVPFLGIGGSRCLACVETEGR 76
DB 17 KVLVHNNOLLAGGLHAGKVGKEISVVPNRLDASLSPVILGVGGSCGCGQE- 75
QY 77 PSIQLEDVNTIELYKGEATRTFFQSSGSAFLEAAAPGWFLCSPAEPQPVQVLT 136

DB 76 PTLTLEPVNIMELYLGAKESKSTFYRRDMLTSSFESAAYPGWFLCTVPEADQPVRLTQ 135
QY 137 ESE-----PSARTKFFEQ 150
DB 136 LPENGGWNPITDFYFQ 153

RESULT 4

US-09-348-942-5
Sequence 5, Application US/09348942
Patent No. 6337072
GENERAL INFORMATION:
APPLICANT: John Ford
TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/35801
CURRENT APPLICATION NUMBER: US/09/348,942
CURRENT FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: PCT/US99/04291
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: US 09/287,210
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: US 09/251,370
PRIOR FILING DATE: 1999-02-17
PRIOR APPLICATION NUMBER: US 09/229,591
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 09/127,698
PRIOR FILING DATE: 1998-07-31
PRIOR APPLICATION NUMBER: US 09/099,818
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: US 09/082,364
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/079,909
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 09/055,010
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 155
TYPE: PRT
ORGANISM: Homo sapiens
US-09-348-942-5

Query Match 34.6%; Score 283; DB 4; Length 155;
Best Local Similarity 45.7%; Pred. No. 1.9e-26;
Matches 63; Conservative 20; Mismatches 49; Indels 6; Gaps 3;

QY 18 KALYTRDGLLVDPVADNCC-AEKICTLPNRLDRTKVPFLGIGGSRCLACVETEGR 76
DB 17 KVLVHNNOLLAGGLHAGKVGKEISVVPNRLDASLSPVILGVGGSCGCGQE- 75
QY 77 PSIQLEDVNTIELYKGEATRTFFQSSGSAFLEAAAPGWFLCSPAEPQPVQVLT 136
DB 76 PTLTLEPVNIMELYLGAKESKSTFYRRDMLTSSFESAAYPGWFLCTVPEADQPVRLTQ 135
QY 137 ESE-----PSARTKFFEQ 150
DB 136 LPENGGWNPITDFYFQ 153

RESULT 5

US-09-316-081-5
Sequence 5, Application US/09316081
Patent No. 6339141
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20

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NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 5
LENGTH: 155
TYPE: PRT
ORGANISM: Homo sapiens
US-09-316-081-5

Query Match 34.6% Score 283; DB 4; Length 155;
Best Local Similarity 45.7% Pred. No. 1.9e-26;
Matches 63; Conservative 20; Mismatches 49; Indels 3;
Gaps 3;
QY 18 KALYTRDQGLLVGDPVADNC-AEKICTLPNRGLDRTKVPFIFLGIOGSRCLACVETE 76
DB 17 KVLVHNNOLLAGLHAGKVIKGEISVVPNRWLDASLPVILVGGSGQCLSCGVGGE- 75
QY 77 PSLQLEDVNIELYKGGEATRTFFQSSGSAFRLEAAWPGWFLCGPAEPQPVOLTK 136
DB 76 PTLTLEPNIMELYLGAKESKSETFYRRDMLTSSPESAAYPGWFLCTVPEADQPVRLTQ 135
QY 137 ESE---PSARTKVFEEQ 150
DB 136 LPENGWNAPIIDVFEEQ 153

RESULT 6
US-09-000-630C-23
; Sequence 23, Application US/09000630C
; Patent No. 6018029
; GENERAL INFORMATION:
; APPLICANT: Fullier, Gerald M
; TITLE OF INVENTION: DNA Encoding Canine Interleukin-1 Receptor
; TITLE OF INVENTION: Antagonist
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Douglas C Murodock/ Bradley, Arant, Rose & White
; STREET: 2001 Park Place, Suite 1400
; CITY: Birmingham
; STATE: Alabama
; COUNTRY: USA
; ZIP: 35203-2736
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Microsoft Windows
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/000,630C
; FILING DATE:
; PRIOR APPLICATION NUMBER: 08/862,730
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: rat IL-1ra sequence
US-09-000-630C-23

Query Match 31.8% Score 260.5; DB 3; Length 178;
Best Local Similarity 44.5% Pred. No. 1.2e-23;
Matches 61; Conservative 16; Mismatches 53; Indels 7; Gaps 4;
QY 16 DOKALYTRDQGLLVGDPVADNC-CAEKICTLPNRGLDRTKVPFIFLGIOGSRCLACVETE 74
DB 45 NOKFTYLRNNQLIAGYLGQPNKLEEKIDMVP---IDFRNV--FLGIHGGKLCSCVKSG 99
QY 75 EGPSIQLEDVNIELYKGGEATRTFFQSSGSAFRLEAAWPGWFLCGPAEPQPVOL 134

DB 100 DDTKQLQLEEVNITDLNKNKEEDKRTFFIRSETGPTTSFESLACPGWFLCTTLEADHPVSL 159
QY 135 TK-ESEPSARTKVFEEQ 150
DB 160 TMTPECTVTYKVFEEQ 176
RESULT 7
US-08-862-730C-23
; Sequence 23, Application US/08862730C
; Patent No. 6063600
; GENERAL INFORMATION:
; APPLICANT: Fullier, Gerald M
; APPLICANT: Fuentes, Nelson L.
; TITLE OF INVENTION: DNA Encoding Canine Interleukin-1 Receptor
; TITLE OF INVENTION: Antagonist
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Douglas C Murodock/ Bradley, Arant, Rose & White
; STREET: 2001 Park Place, Suite 1400
; CITY: Birmingham
; STATE: Alabama
; COUNTRY: USA
; ZIP: 35203-2736
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Microsoft Windows
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/862,730C
; FILING DATE: 5/23/97
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: rat IL-1ra sequence
US-08-862-730C-23

Query Match 31.8% Score 260.5; DB 3; Length 178;
Best Local Similarity 44.5% Pred. No. 1.2e-23;
Matches 61; Conservative 16; Mismatches 53; Indels 7; Gaps 4;
QY 16 DOKALYTRDQGLLVGDPVADNC-CAEKICTLPNRGLDRTKVPFIFLGIOGSRCLACVETE 74
DB 45 NOKFTYLRNNQLIAGYLGQPNKLEEKIDMVP---IDFRNV--FLGIHGGKLCSCVKSG 99
QY 75 EGPSIQLEDVNIELYKGGEATRTFFQSSGSAFRLEAAWPGWFLCGPAEPQPVOL 134
DB 100 DDTKQLQLEEVNITDLNKNKEEDKRTFFIRSETGPTTSFESLACPGWFLCTTLEADHPVSL 159
QY 135 TK-ESEPSARTKVFEEQ 150
DB 160 TMTPECTVTYKVFEEQ 176

RESULT 8
US-09-417-455-10
; Sequence 10, Application US/09417455
; Patent No. 6294655
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Pace, Ann
; TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
; FILE OF INVENTION: 28110/36328
; CURRENT APPLICATION NUMBER: US/09/417,455
; CURRENT FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: US 09/348,942
; PRIOR FILING DATE: 1999-07-07

;; PRIOR APPLICATION NUMBER: US 09/348,942
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: PCT/US99/04291
;; PRIOR FILING DATE: 1999-04-05
;; PRIOR APPLICATION NUMBER: US 09/287,210
;; PRIOR FILING DATE: 1999-04-05
;; PRIOR APPLICATION NUMBER: US 09/251,370
;; PRIOR FILING DATE: 1999-02-17
;; PRIOR APPLICATION NUMBER: US 09/229,591
;; PRIOR FILING DATE: 1999-01-13
;; PRIOR APPLICATION NUMBER: US 09/127,698
;; PRIOR FILING DATE: 1998-07-31
;; PRIOR APPLICATION NUMBER: US 09/099,818
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: US 09/082,364
;; PRIOR FILING DATE: 1998-05-20
;; PRIOR APPLICATION NUMBER: US 09/079,909
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: US 09/055,010
;; PRIOR FILING DATE: 1998-04-03
;; NUMBER OF SEQ ID NOS: 30
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 9
;; LENGTH: 178
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-09-417-455-9

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Query Match 31.5%; Score 257.5; DB 4; Length 178;
Best Local Similarity 44.5%; Pred. No. 2.7e-23;
Matches 61; Conservative 16; Mismatches 53; Indels 7; Gaps 4;
QY 16 DQKALYTRDQGLLVGDPVADNC-CAEKICTLPNRLDRTKVPFIQGGSRCLACVETE 74
DB 45 NQKTFYLRNNQLIAGYLOGPNIKLEEKIDMVP---IDLHSV--FLGHHGKLCISCAKSG 99
QY 75 EGPSLOLEDVNIIELYKGGEATRTFTFFOSSGSAFRLEAAAWPGLCGPAEPQVPVOL 134
DB 100 DDIKLOLEVNITDLSKNKEEDKRTFTFIRSEKGPPTSFSAAACPGWFLCTTLEADRPVSL 159
QY 135 TK-ESEPSARTKFFEQ 150
DB 160 TNTPEPLIVTKFFQE 176

RESULT 12
US-09-348-942-9
;; Sequence 9, Application US/09348942
;; Patent No. 6337072
;; GENERAL INFORMATION:
;; APPLICANT: John Ford
;; TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
;; FILE REFERENCE: 28110/35801
;; CURRENT APPLICATION NUMBER: US/09/348,942
;; CURRENT FILING DATE: 1999-07-07
;; EARLIER APPLICATION NUMBER: PCT/US99/04291
;; EARLIER FILING DATE: 1999-04-05
;; EARLIER APPLICATION NUMBER: US 09/287,210
;; EARLIER FILING DATE: 1999-04-05
;; EARLIER APPLICATION NUMBER: US 09/251,370
;; EARLIER FILING DATE: 1999-02-17
;; EARLIER APPLICATION NUMBER: US 09/229,591
;; EARLIER FILING DATE: 1999-01-13
;; EARLIER APPLICATION NUMBER: US 09/127,698
;; EARLIER FILING DATE: 1998-07-31
;; EARLIER APPLICATION NUMBER: US 09/099,818
;; EARLIER FILING DATE: 1998-06-19
;; EARLIER APPLICATION NUMBER: US 09/082,364
;; EARLIER FILING DATE: 1998-05-20
;; EARLIER APPLICATION NUMBER: US 09/079,909
;; EARLIER FILING DATE: 1998-05-15
;; EARLIER APPLICATION NUMBER: US 09/055,010

;; EARLIER FILING DATE: 1998-04-03
;; NUMBER OF SEQ ID NOS: 30
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 9
;; LENGTH: 178
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-09-348-942-9

Query Match 31.5%; Score 257.5; DB 4; Length 178;
Best Local Similarity 44.5%; Pred. No. 2.7e-23;
Matches 61; Conservative 16; Mismatches 53; Indels 7; Gaps 4;
QY 16 DQKALYTRDQGLLVGDPVADNC-CAEKICTLPNRLDRTKVPFIQGGSRCLACVETE 74
DB 45 NQKTFYLRNNQLIAGYLOGPNIKLEEKIDMVP---IDLHSV--FLGHHGKLCISCAKSG 99
QY 75 EGPSLOLEDVNIIELYKGGEATRTFTFFOSSGSAFRLEAAAWPGLCGPAEPQVPVOL 134
DB 100 DDIKLOLEVNITDLSKNKEEDKRTFTFIRSEKGPPTSFSAAACPGWFLCTTLEADRPVSL 159
QY 135 TK-ESEPSARTKFFEQ 150
DB 160 TNTPEPLIVTKFFQE 176

RESULT 13
US-09-316-081-7
;; Sequence 7, Application US/09316081
;; Patent No. 6339141
;; GENERAL INFORMATION:
;; APPLICANT: Hallinger, Dennis G.
;; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
;; FILE REFERENCE: 28110/35659
;; CURRENT APPLICATION NUMBER: US/09/316,081
;; CURRENT FILING DATE: 1999-05-20
;; NUMBER OF SEQ ID NOS: 11
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 7
;; LENGTH: 177
;; TYPE: PRT
;; ORGANISM: Sus scrofa
US-09-316-081-7

Query Match 31.3%; Score 256; DB 4; Length 177;
Best Local Similarity 40.5%; Pred. No. 4e-23;
Matches 62; Conservative 21; Mismatches 56; Indels 14; Gaps 5;
QY 2 CSLPMARYIYIKYADQKALYTRDQGLLVGDPVADNC-CAEKICTLPNRLDRTKVP--IF 58
DB 33 CRMQAFRIWDV---NQKTFYLRNNQLVAGYLOGPNIKLEEKIDVVVPE-----PHFVF 82
QY 59 LGIOGSRCLACVETEETEGPSLOLEDVNIIELYKGGEATRTFTFFOSSGSAFRLEAAAWP 118
DB 83 LGIHGGKLCISCAKSGDEMQLQDAVNITDLRKNSEODKRTFTFIRSDGPTTSPESAACP 142
QY 119 GWFLCGPAEPQVPVOLTKSEPSAR-TKEYFEQ 150
DB 143 GWFLCTLEADQPVGLTNTTPRAAVKVKYFQQ 175

RESULT 14
US-09-000-630C-21
;; Sequence 21, Application US/09000630C
;; Patent No. 6018029
;; GENERAL INFORMATION:
;; APPLICANT: Fuller, Gerald M
;; APPLICANT: Fuentes, Nelson L.
;; TITLE OF INVENTION: DNA Encoding Canine Interleukin-1 Receptor
;; TITLE OF INVENTION: Antagonist

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